

REMARKS

The Office Action of April 4, 2002, has been carefully considered.

It is noted that claims 1-5 and 7-12 are rejected under 35 USC 102(b) over the patent to Miller.

In view of the Examiner's rejection of the claims applicant has cancelled claim 9 and amended independent claim 1.

It should be mentioned that the claims presently on file specifically define a printing unit cylinder for a rotary printing machine, which cylinder comprises a body having a barrel as a centerpiece and two journals which are respectively arranged at each end of the barrel. Only the barrel is made of a metallic material having a linear coefficient of expansion of about $\alpha < 5 \times 10^{-6} \text{ K}^{-1}$ in a temperature range of from about 20° to about 60°.

It is respectfully submitted that the claims now on file differ essentially and in an unobvious, highly advantageous manner from the constructions disclosed in the references.

At the outset applicant wishes to point out that this amendment to claim 1 does not raise any new issues which have not been before the Examiner previously. The subject matter added to claim 1 was previously found in dependent claim 9 as originally filed. Thus, entry of the present amendment is believed appropriate.

Turning now to the reference, it can be seen that Miller discloses supporting and driving frangible rollers. The Examiner states that the cylinder 38 has a body made of the metallic material recited in the presently claimed invention, and has two journals 19, 20. Applicant respectfully submits that the "cylinder" 38 of Miller is really part of the journal 20 and

1
serves for mounting the ceramic tube 31 to the journal. The cylinder 38 is not a centerpiece having a journal at each end, as in the presently claimed invention.

Once again, Miller discloses a ceramic barrel 31 having two journals, a respective one of the journals being at each end of the barrel. Miller does not disclose a barrel as a centerpiece with a journal at each end wherein only the barrel is made of a metallic material having a linear coefficient of expansion of about $\alpha < 5 \times 10^{-6} \text{ K}^{-1}$ in a temperature range of from about 20° to about 60°, as in the presently claimed invention.

As previously mentioned, applicant also respectfully submits that the changes to claim 1 do not raise new issues which have not been before the Examiner previously in that the subject matter added to claim 1 was contained in originally filed claim 9.

In view of these considerations it is respectfully submitted that the rejection of claims 1-5 and 7-12 under 35 USC 102(b) over the above-discussed reference is overcome and should be withdrawn.

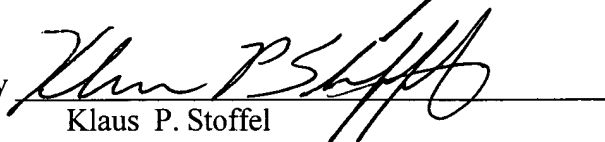
Reconsideration and allowance of the present application are respectfully requested.

It is believed that no fees or charges are required at this time in connection with the present application; however, if any fees or charges are required at this time, they may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,

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